

Changes in the Nucleic Acid Content During Healing of the
Injured Myocardium, by M. P. Yavich, 4 pp

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXLVII, No 1, 1962
pp 243-251

CB

Sci
Nov 63

The Role of the Reticular Formation of the Brain Stem in
Transmission of Central Nervous Influences to the Thyroid
Gland, by M. G. Amiragova 3pp.

RUSSIAN, per. Dok Ak Nauk SSSR, Vol CXLVII, No 1, 1962
pp 252-254

CB

Sci
Nov 63

NIH 5-35-64

Electrical Stimulation of the Heart by Means of Radio-
frequency Transmission of Impulses, by E.B. Babskii,
A.L. Baranovskii, 4 ppp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXLVII, No 1, 1962
pp 255-258

CB

Sci
Nov 63

JPRS 18045

Experimental Modification of the 24-h Mitotic Rhythm by
Changes in Lighting, by L.P. Kosichenko, 4 pp

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXLVII, No 1, 1962
pp 259-262

CB

Sci
Nov 63

The First Appearance of Hemoglobin in the Embryos of the
Rainbow Trout (*Salmo Irideus* Gibbons), by I.N. Ostrounov
3 pp

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXLVII, nol, 1962
pp 263-264

CB

Sci
Nov 63

Linear Structures Equivalent to Structures With a
Monotone Norm, by B. Z. Vulih, 3 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, (Mathematics
Section), Vol CXLVII, No 2, 1962, pp 271-274.

Amer Math Soc
Sov Math - Dok
Vol III, No 6

Sci

Aug 63

Unitary Representations in a Space G/Γ , Where G is a Group of n -by- n Real Matrices and Γ is a Subgroup of Integer Matrices, by I. M. Gel'fand, I. I. Pjateckii-Sapiro, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, (Mathematics Section), Vol CXLVII, No 2, 1962, pp 275-278.

Amer Math Soc
Sov Math - Dok
Vol III, No 6

Sci

Aug 63

On Factorization of Operators in Hilbert
Space, by I. C. Gohberg, M. G. Krein, 5 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, (Mathematics
Section), Vol CXLVII, No 2, 1962, pp 279-282.

Amer Math Soc
Sov Math - Iok
Vol III, No 6

Sci

Aug 63

A Generalization of Bernstein's Theorem on the Form of Non-negative Trigonometric Polynomials to the Case of an Arbitrary Number of Relations Between the Coefficients, by I. A. Grigor'yeva, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, (Mathematics Section), Vol CXLVII, No 2, 1962, pp 283-286.

Amer Math Soc
Sov Math - Dok
Vol III, No 6

Sci
Aug 63

The Determination of Strict Inequalities Between
the Moduli of Roots in the Transformation of
Algebraic Equations by the Lobachevskiy-Graeffe
Method, by A. N. Kostovskiy, 3 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, (Mathematics
Section), Vol CXLVII, No 2, 1962, pp 287-289.

Amer Math Soc
Sov Math - Dok
Vol III, No 6

Sci

Aug 63

Regular Functions With Bounded Mean Modulus, by
L. V. Kresnjakova, 5 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, (Mathematics
Section), Vol CXLVII, No 2, 1962, pp 290-293.

Amer Math Soc
Sov Math - Dok
Vol III, No 6

Sci

Aug 63

On the Solvability of the Neumann Problem, by
V. G. Maz'ja, 3 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, (Mathematics
Section), Vol CXLVII, No 2, 1962, pp 294-296.

Amer Math Soc
Sov Math - Dok
Vol III, No 6

Sci

Aug 63

The Order and the Asymptotic Behavior of
Approximations to Nondifferentiable Functions by
Certain Types of Positive Linear Operators, by
R. G. Mamedov, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, (Mathematics
Section), Vol CXLVII, No 2, 1962, pp 297-300.

Amer Math Soc
Sov Math - Dok
Vol III, No 6

Sci.
Aug 63

On the Imbedding of Subgroups, by S. A. Rusakov, 2 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, (Mathematics
Section), Vol CXLVII, No 2, 1962, pp 301-302.

Amer Math Soc
Sov Math - Dok
Vol III, No 6

Sci

Aug 63

S-93/61

An Instance of Using Sobolev's Imbedding Theorem
For Computations, by V. K. Saul'yev, 5 pp.

RUSSIAN, per, Doklady Akademii Nauk SSSR, Vol CXLVII,
No 2, 1962, pp 305-305.

JPRS /NY-7455

Sci
Math
Feb 65

Complex Semiordered Space and Modules Over It, by
S. N. Slugin, 5 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, (Mathematics Section),
Vol CXLVII, No 2, 1962, pp 306-309.

Amer Math Soc
Sov Math - Dok
Vol III, No 6

Sci

Aug 63

Periodic Subgroups of Solvable Matrix Groups, by
D. A. Suprunenko, 3 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, (Mathematics
Section), Vol CXLVII, No 2, 1962, pp 310-312.

Amer Math Soc
Sov Math - Dok
Vol III, No 6

Sci

Aug 63

Boundary Value Problems for Quasilinear Elliptic
Equations and Systems With Divergent Principal
Part, by N. N. Ural'ceva, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, (Mathematics
Section), Vol CXLVII, No 2, 1962, pp 313-316.

Amer Math Soc
Sov Math - Dok
Vol III, No 6

Sci

Aug 63

On Some Theorems for Inhomogeneous Branching
Processes, by V. P. Cistjakov, N. P. Markova, 4 pp

RUSSIAN, per, Dok Ak Nauk SSSR, (Mathematics
Section), Vol CXLVII, No 2, 1962, pp 317-320.

Amer Math Soc
Sov Math - Dok
Vol III, No 6

Sci

Aug 63

On Hall's Theorem, by L. A. Semetkov, 5 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, (Mathematics
Section), Vol CXLVII, No 2, 1962, pp 321-322.

Amer Math Soc
Sov Math - Dok
Vol III, No 6

Sci

Aug 63

A Class of Markov Processes Whose Exit Probabilities
are Majorized by the Exit Probabilities of a
Wiener Process, by M. G. Sur, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, (Mathematics
Section), Vol CXLVII, No 2, 1962, pp 323-326.

Amer Math Soc
Sov Math - Dok
Vol III, No 6

Sci

Aug 63

Identical Transformations of Regular Expressions,
by Ju. I. Janov, 5 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, (Mathematics Section),
Vol CXLVII, No 2, 1962, pp 327-330.

Amer Math Soc
Sov Math - Dok
Vol III, No 6

Sci

Aug 63

Anisotropy of the Cathode Sputtering Coefficient
and Focused Collisions in Single Crystals, by
M. Balarin, V. A. Molchanov, 3 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, (Physics Section),
Vol CXLVII, No 2, 1962, pp 331-333.

Amer Inst of Phys
Sov Phys - Dok
Vol VII, No 11

Sci
Aug 63

Quasi-Linear Equations for Quantized Plasma, by
A. A. Vedenov, 3 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, (Physics Section),
Vol CXLVII, No 2, 1962, pp 334-337.

Amer Inst of Phys
Sov Phys - Dok
Vol VII, No 11

Sci

Aug 63

Free and Bound Excitons in CdS Crystals and the
Analogy With the Mossbauer Effect in Optics, by
E. F. Gross, B. S. Razbirin, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, (Physics Section),
Vol CXLVII, No 2, 1962, pp 338-341.

Amer Inst of Phys
Sov Phys - Dok
Vol VII, No 11

Sci

Aug 63

Asymmetry of Spectral Lines of Hydrogen in
Plasma, by L. P. Kudrin, G. V. Sholin, 3 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, (Physics Section),
Vol CXLVII, No 2, 1962, pp 342-345.

Amer Inst of Phys
Sov Phys - Dok
Vol VII, No 11

Sci

Aug 63

Corrosion Processes in Samples of Varying
Composition, by L. S. Palatnik, N. D. Gorban', 2 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, (Physics Section),
Vol CXLVII, No 2, 1962, pp 346-349.

Amer Inst of Phys
Sov Phys - Dok
Vol VII, No 11

Sci

Aug 63

Stability

Criterion of Resistance to Thermal Fatigue, by
N. D. Sobolev, V. I. Egorov, 3 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, (Physics Section),
Vol CXLVII, No 2, 1962, pp 350-352.

Amer Inst of Phys
Sov Phys - Dok
Vol VII, No 11

Sci - *Phy* -

acc-ti-5969 (9-1386)

Aug 63

Determination of Rate Constants for the Reaction of Atomic
Oxygen With Ethane, by V. V. Azatyan, A. B. Malbandyan,
4 pp.

RUSSIAN, per, Dokl Ak Nauk SSSR, Chemistry Section,
Vol CXLVII, No 2, 1962, pp 361-364.

CP

Sci -
Oct 63

Electron Paramagnetic Resonance in Divalent Silver
Compounds, by N. S. Garif'yanov, B. M. Kozyrev, 1 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Chemistry Section,
Vol CXLVII, No 2, 1962, pp 365-367.

CB

Sci -
Oct 63

Free Radicals in the Oxidation of Phenols in the Presence
of Complex Catalysts, by L. V. Gorbunova, M. L. Khaidukel,
3 pp.

RUSSIAN, per, Dokl Ak Nauk SSSR, Chemistry Section,
Vol CXLVII, No 2, 1962, pp 368-371.

CB

Sci -
Oct 63

A Study of Complex Formation Between Protoactinium and
Certain Organic Acids (by Means of Ion Exchange), by
I. Geletseanu, A. V. Lapitskii, 3 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Chemistry Section,
Vol CXLVIII, No 2, 1962, pp 372-375.

CB

Sci -
Oct 63

Thin-Layer Chromatography of Sphingosine Derivatives,
by N. K. Kochetkov, by E. G. Zhukova, I. S. Glukhoded,
1 pp.

RUSSIAN, per, Dokl Ak Nauk SSSR, Chemistry Section,
Vol CXLVII, No 2, 1962, pp 376-379.

CB

Sci -
Oct 63

On the Interaction of Tri-n-Butyl Phosphate With Nitric
Acid and Water, by A. V. Nikolaev, K. E. Mironov, 3 pp.

RUSSIAN, per, Dokl Ak Nauk SSSR, Chemistry Section,
Vol CKLVII, No 2, 1962, pp 380-383.

CB

Sci -
Oct 63

Oxidation-Reduction Properties of Compounds With Two
Ferrocenyl Groups, by E. G. Perevalova, S. P. Gubin, 3 pp.

RUSSIAN, per, Dokl Ak Nauk SSSR, Chemistry Section,
Vol CXLVII, No 2, 1962, pp 384-387.

CB

Sci -
Oct 63

Equilibrium in the Reaction $C_3H_7Br - C_3H_7^+ HBr$, by
A. M. Rozhnov, D. N. Andreevskii, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXLVII, No 2, 1962,
pp 386-607.

CB

Sci -
Oct 63

Vargafik, M. N., Moiseev, I. I., and Syrkin, Ya. K.
KINETICS OF THE OXIDATION OF ETHYLENE BY
PALLADIUM SALTS IN AQUEOUS SOLUTIONS.
[1963] 5p.

Order from ATS \$9.00

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Trans. of Akademiya Nauk SSSR. (Doklady), 1962
v. 147, no. 2, p. 399-402.

DESCRIPTORS: *Ethylenes, Oxidation, Reaction
kinetics, *Palladium, Salts, Solutions.

(Chemistry--Organic, TT, v. 10, no. 3)

63-17485

- I. Vargafik, M. N.
- II. Moiseev, I. I.
- III. Syrkin, Ya. K.
- IV. ATS-24Q68R
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Use of Secondary Ion-Ion Emission Phenomena in
Studying Heterogeneous Catalytic Reactions, by
Ya. M. Fogel, B. T. Nadykto, et al, 6 pp.

~~RUSSIAN~~ RUSSIAN, per, Dok Akad Nauk SSSR, Vol CXLVII
No 2, 1962, pp 414-417. 9208241

AE0-Tr-5719

Sci - Nucl Sci

Jun 63

234,284

Pentaphthalic Resin as a Surface-Active Peptizer
for Carbon Black, by A. A. Trapeznikov,
M. A. Chupeyev, 3 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXLVII,
No 2, 1962, pp 422-425.

CB

Sci

Oct 63

Geochemical Features and Origin of Finely Divided
Material in Quaternary Strata, by V. V. Dobrovolskiy, 3 pp.
RUSSIAN, per, Dok Ak Nauk SSSR, Earth Science
Section, Vol CXLVII, No 2, Nov, Dec 1962,
pp 466-468.

Amer Geol Inst

Sci
Aug 65

Geochemistry of Ground (Mine) Waters and Atmospheric Precipitation in the Arctic Part of the Yenisey Region, by V. F. Derpgol'ts, 1 pp.
RUSSIAN, per, Dok Ak Nauk SSSR, Earth Science Section, Vol III CXLVII, No 2, Nov, Dec 1962, pp x 469-470

Amer Geol Inst

Sci
Aug 65

The Use of the Method of Electron Micro-
scope Replicas in Studying Late Cretaceous
Coccolithophoridae, by S. I. Shumenko,
4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Earth
Sciences Section, ^{Nov}Vol CXLVII, Nov, Dec,
1962, pp 471-473,

Amer Geol Inst

Sc i
Aug 65

The Ultraviolet Fluorescence of Muscles, by I.Ya.
Barskii, E. M. Brumberg, 2 pp

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXLVII, No 2, 1962
pp 474-476

CB

IPAS 19257

Sci
Nov 63

Connections Between Axons and Dendrites in the Reticular
Formation of the Brain Stem, by N.S. Kositsyn, 3 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXLVII, No 2, 1962
pp 477-479

CB

Sci
Nov 63

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of Generations and Diapause in the Apple Fruit Moth;
Laspeyresia pomonella L. by G. G. Shel'deshova, 3 pp

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXLVII, No 2, 1962
pp 480-483

CB

Sci
Nov 63

Some Problems of Nucleophilic Substitution in the
Phosphorus Atom During Reactivation of Phosphorylated
Cholinesterase. S. M. Markov, N. A. Loshadkin, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXLVII No2, 1962
pp 484-487.

CB

Sci
Nov 63

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]

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Synthesis, by N. M. Sisakyan, I. I. Filippovich, 2pp

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXLVII, No 2, 1962
pp 488-489.

CB

Sci
Nov 63

On the Physiology of Ectodesms, By K.T. Sukhorukov,
Yu.M. Plotnikova, 3 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CLVII, No 2, 1962
pp 490-492.

CB

Sci
Nov 63

Specific Role of Roots in Growth of Aerial Part of Plant
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pp493-495

CB

Sci
Nov 63

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RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXLVII, No 2, 1962
pp 496-498

CB

Sci
Nov 63

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M.E. Ladygina, 3pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXLVII, No 2, 1962
pp 499-501.

CB

Sci
Nov 63

Case of Parthenogenetic Activation of Eggs of Kamchatka
Crab (Paralithodes Camtschatica) Kept in Aquarium, by
N.A. Zubkova, 2 pp

RUSSIAN, per, DokAk Nauk SSSR, Vol CXLVII, No 2, 1962
pp 502-504.

CB

Sci
Nov 63

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Dendrites of the Cerebral Cortex, by N. A. Aladzhhalova,
O. Kh. Koshtoyants, 4 pp

RUSSIAN, per, Dok Ak Nauk SSSR, Vol. CXLVII, No 2, 1962
pp 505-508.

CB

Sci
Nov 63

Variation in the Time of Formation of Oxidative Enzyme
Systems in the Cells of Different Parts of the Rat
Nephron During Postnatal Ontogenesis, by Yu. V. Natchin
4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol. CXLVII, No 2, 1962
pp 509-512.

CB

Sci

Nov 63

Approximation of Periodic Functions of the $W_{p,\theta}^{(r_1, r_2)}$
Classes by Fourier Sums, by Ju. L. Bessonov,
5 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, (Mathematics Section),
Vol CXLVII, No 3, 1962, pp 519-522.

Amer Math Soc
Sov Math - Dok
Vol III, No 6

Sci

Aug 63

Double Layer Potential for Nonregular Regions, by
Ju. D. Burago, V. G. Maz'ja, 3 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, (Mathematics
Section), Vol CXLVII, No 3, 1962, pp 523-525.

Amer Math Soc
Sov Math - Dok
Vol III, No 6

Sci
Aug 63

Stability of Motion of Systems With More Than
One Equilibrium Position, by A. H. Gel'fand, 3 pp.

RUSSIAN. per, Dok Ak Nauk SSSR, (Mathematics
Section), Vol CXLVII, No 3, 1962, pp 526-528.

Amer Math Soc
Sov Math - Ibk
Vol III, No 6

Sci

Aug 63

Construction of Irreducible Representations of
Simple Algebraic Groups Over A Finite Field, by
I. M. Gel'fand, M. I. Grayev, 3 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, (Mathematics
Section), Vol CXLVII, No 3, 1962, pp 529-532.

Amer Math Soc
Sov Math - Dok
Vol III, No 6

Sci

Aug 63

Convergence of Variational Processes, by
I. G. Globenko, 5 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, (Mathematics
Section), Vol CXLVII, No 3, 1962, pp 533-536.

Amer Math Soc
Sov Math - Dok
Vol III, No 6

Sci

Aug 63

Locally Normal Groups, by Ju. M. Gorcakov, 3 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, (Mathematics
Section), Vol CXLVII, No 3, 1962, pp 537-539.

Amer Math Soc
Sov Math - Dok
Vol III, No 6

Sci

Aug 63

Cubature Formulas for Computing Integrals Over a
Hypersphere, by I. P. Mysovskih, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, (Mathematics
Section), Vol CXLVII, No 3, 1962, pp 552-555.

Amer Math Soc
Sov Math - Dok
Vol III, No 6

Sci

Aug 63

A Class of Imbedding Theorems With a Weight,
by I. A. Kiprijanov, 5 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, (Mathematics
Section), Vol CXLVII, No 3, 1962, pp 540-543.

Amer Math Soc
Sov Math - Dok
Vol III, No 6

Sci

Aug 63

Fourier Transforms of Certain Classes of Generalized Functions, by N. S. Landkof, 3 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, (Mathematics Section), Vol CXLVII, No 3, 1962, pp 544-547.

Amer Math Soc
Sov Math - Dok
Vol III, No 6

Sci

Aug 63

On a Boundary Problem, by V. P. Mihailov, 5 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, (Mathematics
Section), Vol CXLVII, No 3, 1962, pp 548-551.

Amer Math Soc
Sov Math - Dok
Vol III, No 6

Sci

Aug 63

Summation of Fourier Integrals and Best Approximation
by Entire Functions, by V. G. Ponomarenko, 3 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, (Mathematics
Section), Vol CXLVII, No 3, 1962, pp 556-558.

Amer Math Soc
Sov Math - Dok
Vol III, No 6

Sci

Aug 63

Extremum Properties of Solutions of Elliptic
Equations, by A. G. Teterev, 3 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, (Mathematics
Section), Vol CXLVII, No 3, 1962, pp 559-561.

Amer Math Soc
Sov Math - Dok
Vol III, No 6

Sci

Aug 63

The Continuous Theory of Elastic Interaction of
Atoms in Interstitial Solid Solutions, by
G. I. Krasko, B. Ya. Lyubov, 3 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, (Physics Section),
Vol CXLVII, No 3, 1962, pp 562-565.

Amer Inst of Phys
Sov Phys - Dok
Vol VII, No 11

Sci

Aug 63

A Nonlinear Theory-of-Functions Boundary Problem
in Some Elastoplastic Problems, by G. P. Cherepanov,
6 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, (Physics Section),
Vol CXLVII, No 3, 1962, pp 566-568.

Amer Inst of Phys
Sov Phys - Dok
Vol VII, No 11

Sci

Aug 63

The Method of Separation of Variables in the
Problem of Scattering by a Body of Arbitrary
Shape, by R. G. Barantsev, 2 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, (Physics Section),
Vol CXLVII, No 3, 1962, pp 569-570.

Amer Inst of Phys
Sov Phys - Dok
Vol VII, No 11

Sci

Aug 63

A Generalization of a Theorem of T. Regge, by
O. S. Parasyuk, 2 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, (Physics Section),
Vol CXLVII, No 3, 1962, pp 571-572.

Amer Inst of Phys
Sov Phys - Dok
Vol VII, No 11

Sci

Aug 63

A New Determination of the Scattering Constant of
Benzene, by M. F. Vuks, N. B. Rozhdestvenskaya,
3 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, (Physics Section),
Vol CXLVII, No 3, 1962, pp 573-575.

Amer Inst of Phys
Sov Phys - Dok
Vol VII, No 11

Sci

Aug 63

An Investigation of the Escape of Plasma Through
Magnetic Slits of Traps With a Field Increasing
Towards the Periphery, by L. L. Gorelik,
N. G. Koval'skiy, 3 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, (Physics Section)
Vol CXLVII, No 3, 1962, pp 576-579.

Amer Inst of Phys
Sov Phys - Dok
Vol VII, No 11

Sci
Aug 63

The Theory of the Heat Capacity of Polymers at
Low Temperatures. Vibration Spectrum and Heat
Capacity, by Yu. Ya. Gotlib, I. V. Sochava, 3 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, (Physics Section),
Vol CXLVII, No 3, 1962, pp 580-583.

Amer Inst of Phys
Sov Phys - Dok
Vol VII, No 11

Sci

Aug 63

The Mossbauer Effect in Impurity Nuclei at Low
Temperatures, by I. P. Dzyub, A. F. Lubchenko,
3 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, (Physics Section),
Vol CXLVII, No 3, 1962, pp 584-587.

Amer Inst of Phys
Sov Phys - Dok
Vol VII, No 11

Sci

Aug 63

Various Parametrizations in Quantized Space-Time
Theory, by V. G. Kadyshevskiy, 3 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, (Phys Section),
Vol CXLVII, No 3, 1962, pp 588-591.

Amer Inst of Phys
Sov Phys - Dok
Vol VII, No 11

Sci

Aug 63

Radiation Damage in Quartz, by E. V. Kolontsova,
I. V. Telegina, 3 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, (Physics Section),
Vol CXLVII, No 3, 1962, pp 592-593.

Amer Inst of Phys
Sov Phys - Dok
Vol VII, No 11

Sci

Aug 63

Averaging Over the Principal Oscillation State in
Calculating the Second Moment of the Nuclear
Magnetic Resonance Signal, by N. N. Korst,
V. A. Savel'ev, 2 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, (Physics Section),
Vol CXLVII, No 3, 1962, pp 594-596.

Amer Inst of Phys
Sov Phys - Dok
Vol VII, No 11

Sci

Aug 63

Production of Strong Shock Waves Under Laboratory
Conditions, by N. P. Novikov, 3 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, (Physics Section),
Vol CXLVII, No 3, 1962, pp 597-599.

Amer Inst of Phys
Sov Phys - Dok
Vol VII, No 11

Sci

Aug 63

Four-Dimensional Isospin and Hypercharge Group
in Axiomatic Quantum Field Theory, by Yu. V.
Novozhilov, 3 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, (Physics Section),
Vol CXLVII, No 3, 1962, pp 600-603.

Amer Inst of Phys
Sov Phys - Dok
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Sci

Aug 63

Effect of Gamma Irradiation on $\text{Na}_2\text{O} \cdot \text{Al}_2\text{O}_3 \cdot \text{SiO}_2$
Glasses, by V. V. Vargin, S. A. Stepanov, 5 pp.

RUSSIAN, per, Dok Akad Nauk SSSR, Vol CXLVII,
1962, pp 609-611.

AEC-Tr-5616

Sci - Phys

CC

Jun 63

235, 056

Investigation of the Effect of Pressure on the Rate of
the A. E. Arbuzov Reaction, by M. G. Gonikberg,
I. Z. Fainshtein, 3 pp.

RUSSIAN, per, Dokl Ak Nauk SSSR, Vol CXLVII, No 3,
1962, pp 612-614.

CB

Sci -
Oct 63

Determination of the Degrees of the Stable Diagonals in
a Seven-Component System of Type 16 C, by N. S. Dombrov-
skaya, 3 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXLVII, No 3,
1962, pp 615-617.

CB

Sci -
Oct 63

Hyperfine Structure in the E.S.R. Spectra of α, δ -Diphenyl-
 β -Triphenylmethylhydrazyl and Its Derivatives, by
M. A. Ikrina, A. V. Il'yasov, 3 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXLVII, No 3,
1962, pp 613-621.

CB

Sci -
Oct 63

On Binary Oxides Containing Tungsten, Tantalum,
and Niobium, by L. M. Kovba, V. K. Trunov. 7cp

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXLVII,
No 3, 1962, pp 622-624.

SLA 63-14456 & 63-16624

CB

Sci - Chem
6 Feb 63

Corvallatoxolide - A New Cardiac Glycoside From the
Seed of the May Lily, by H. F. Komissarenko, 3 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXLVII, No 3,
1962, pp 625-628.

CB

Sci -
Oct 53

The Solubility of Hydrogen in Liquid Iron at Temperatures
Up to the Boiling Point, by V. I. Lakomskii, 3 pp.

RUSSIAN, per, Dokl Ak Nauk SSSR, Vol CXLVII, No 3,
1962, pp 626-629.

CB

Sci -
Oct 63

Reactions of Cyclic Compounds of Boron Under the Influence
of Trimethyl Borate, by B. M. Mikhailov, L. S. Vasil'ev,
2 pp.

RUSSIAN, per, Dokl Ak Nauk SSSR, Vol CXLVII, No 3,
1962, pp 630-633.

CB

Sci -
Oct 63

α -Pyridylferrocene and 1,1'-Bis(α -Pyridyl)ferrocene, by
A. K. Nesmeyanov, V. A. Sazonova, 4 pp.

RUSSIAN, per, Dokl Ak Nauk SSSR, Vol CXLVII, No 3, 1962,
pp 634-635.

CB

Sci -
Oct 63

The Effect of Organic Compounds With a Closed System of π -Conjugated Bonds on the Stereospecific Polymerization of Propylene, by G. A. Razuvaev, 2 pp.

RUSSIAN, per, Dokl. Ak. Nauk SSSR, Vol. CXLVII Chemistry Section, No 3, 1962, pp 636-638.

CB

Sci -
Oct 63

The Reaction of Toluene With Phenylacetylene, by
V. D. Ryabov, V. L. Vaiser, 3 pp.

RUSSIAN, Izv. Akad. Nauk SSSR, Chemistry Section,
Vol. CXLVII, No 3, 1962, pp 639-642.

CB

Sci -
Oct 63

The ESR Spectrum of Benzyl Radicals, by V. A. Tolmachev,
I. I. Chichidze, 4 pp.

RUSSIAN, Izv. Ak Nauk SSSR, Chemistry Section,
Vol. CXLVII, No 3, 1962, pp 643-644.

CB

Sci -
Oct 63

Polyazines - A New Class of Polymers With Conjugated Bonds,
by A. V. Topchiev, Yu. V. Korzhak, 2 pp.

RUSSIAN, per, Dokl Ak Nauk SSSR, Chemistry Section,
Vol CXLVII, No 3, 1962, pp 645-834.

CB

Sci -
Oct 63

The Green Schists of the Rudnyy Altai, by I. I.
Vishnevskaya, 2 pp.
RUSSIAN, per, Dok Ak Nauk SSSR, Earth Sciences
Sections, Vol CXLVII, No 3, Nov, Dec 1962, pp
693-695.

Amer Geol Inst

Sci
Aug 65

An Example of Metasomatic Zoning Around Apatite-Magnetite Ores and Carbonatites, by A. A. Glagolev, 2 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Earth Sciences Section, Vol CXLVII, Nov, Dec 1962, pp 696-699,

Amer Geol Inst

Sci
Aug 65

The Mtavari Formation of Phosphoritie Volcanic
Rocks in West Georgia, by M. N. Il'inskaya, 3 pp.
RUSSIAN, per, Dok Ak Nauk SSSR, Earth Sciences
Section, Vol CXLVII, No 3, Nov, ~~Dec~~ 1962,
pp~~xxx~~ 700-702.

Amer Geol Inst

Sci
Aug 65

Distribution of Mn, Fe, P, CO₂ and Corg in the
Oligocene Rocks of the South Ukrainian
Manganese Basin, by I. M. Varentsov, 3 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Earth Science
Section, vol CXLVII, No. 3, Nov, Dec 1962, pp 703-706.

Amer Geol Inst

Sci
Aug 65

Trace Elements Content in Accessory Magnetite
as a Criterion in The Genetic Classification of
Gneissoids of the Altaian Region, by V. A.
Vakhrushev, 2 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Earth Science
Section, Vol CXLVII, No 3, Nov, Dec 1962, pp
707-709.

Amer Geol Inst

Sci
Aug 65

Composition of Natural Gases and the Depth
of Reservoir, by V. F. Nikonov, 2 pp.
RUSSIAN, per, Dok Ak Nauk SSSR, Earth Science
Section, Vol CXLVII, No 3, Nov, Dec 1962,
pp 710-~~713~~714.

Amer Geol Inst

~~Sci~~

Sci

Aug 65

Changes in the Number of Polyploid Cells During
Postembryonic Development of Rat Tissues, By
V. Ya. Brodskii, A. A. Kushch, 3 pp

RUSSIAN, paper, Dok Ak Nauk SSSR, Vol CXLVII, No 3, 1962
pp 713-716

CB

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Nov 63